

PROJECT DESCRIPTION	EQUIPMENT LIST "A"	EQUIPMENT LIST "B"																																																																											
<p><u>GENERAL</u></p> <p>THIS PROJECT INVOLVES THE INSTALLATION OF AUDIBLE PEDESTRIAN SIGNAL PUSHBUTTONS AT THE INTERSECTION OF MD 195 (CARROLL AVENUE AND LAUREL AVENUE IN MONTGOMERY COUNTY, MARYLAND. MD 195 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.</p> <p><u>INTERSECTION OPERATION</u></p> <p>THE INTERSECTION OPERATION WILL REMAIN THE SAME AT EACH INTERSECTION.</p>	<p>A. EQUIPMENT TO BE SUPPLIED BY THE SHA</p> <table><thead><tr><th>ITEM NO.</th><th>QUANTITY</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td>9571</td><td>4 S.F.</td><td>SHEET ALUMINUM SIGNS TO CONSIST OF :</td></tr><tr><td></td><td></td><td>- 6 EACH R10-4(1) SIGN (5 IN. x 7 IN.) - POLE MOUNT</td></tr></tbody></table>	ITEM NO.	QUANTITY	DESCRIPTION	9571	4 S.F.	SHEET ALUMINUM SIGNS TO CONSIST OF :			- 6 EACH R10-4(1) SIGN (5 IN. x 7 IN.) - POLE MOUNT	<p>B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR</p> <table><thead><tr><th>ITEM NO.</th><th>QUANTITY</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td>1001</td><td>1 EACH</td><td>MAINTENANCE OF TRAFFIC</td></tr><tr><td>8001</td><td>2 EACH</td><td>12 INCH PEDESTRIAN SIGNAL HEAD</td></tr><tr><td>8008</td><td>1 EACH</td><td>ADJUST EXISTING HANDHOLE TO GRADE INCLUDING COLLAR</td></tr><tr><td>8009</td><td>2 EACH</td><td>BREAKAWAY PEDESTAL POLE</td></tr><tr><td>8013</td><td>1 EACH</td><td>REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT PER ASSIGNMENT</td></tr><tr><td>8016</td><td>25 L.F.</td><td>2 INCH SCHEDULE 80, RIGID POYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED)</td></tr><tr><td>8023</td><td>30 S.F.</td><td>REMOVE AND RESET DECORATIVE BRICK SIDEWALK</td></tr><tr><td>8024</td><td>2 C.Y.</td><td>CONCRETE FOR SIGNAL FOUNDATION</td></tr><tr><td>8026</td><td>130 L.F.</td><td>NO. 6 A.W.G. STRANDED BARE COPPER GROUND WIRE</td></tr><tr><td>8036</td><td>70 L.F.</td><td>4 INCH SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED</td></tr><tr><td>8037</td><td>5 L.F.</td><td>1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR WIRE SLEEVE</td></tr><tr><td>8047</td><td>4 S.F.</td><td>INSTALL OVERHEAD SIGN</td></tr><tr><td>8053</td><td>2 EACH</td><td>GROUND ROD - 3/4 INCH DIAMETER x 10 FOOT LENGTH</td></tr><tr><td>8057</td><td>1 EACH</td><td>CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE</td></tr><tr><td>8058</td><td>425 L.F.</td><td>ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED)</td></tr><tr><td>8059</td><td>300 L.F.</td><td>ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 A.W.G.)</td></tr><tr><td>8061</td><td>110 L.F.</td><td>ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 A.W.G.)</td></tr><tr><td>8063</td><td>495 L.F.</td><td>LOOP WIRE ENCASED IN 1/4 INCH FLEXIBLE TUBING (NO. 14 A.W.G.)</td></tr><tr><td>8064</td><td>130 L.F.</td><td>SAW CUT FOR SIGNAL (LOOP DETECTOR)</td></tr><tr><td>NEG.</td><td>6 EACH</td><td>FURNISH AND INSTALL POLARO 2-WIRE NAVIGATOR AUDIBLE PEDESTRIAN SIGNAL WITH 5 IN. x 7 IN. SIGN, BLACK FACE PLATE OPTION 'A' AND BRAILLE TEXT</td></tr><tr><td>NEG.</td><td>1 EACH</td><td>FURNISH AND INSTALL CENTRAL CONTROL UNIT</td></tr></tbody></table>	ITEM NO.	QUANTITY	DESCRIPTION	1001	1 EACH	MAINTENANCE OF TRAFFIC	8001	2 EACH	12 INCH PEDESTRIAN SIGNAL HEAD	8008	1 EACH	ADJUST EXISTING HANDHOLE TO GRADE INCLUDING COLLAR	8009	2 EACH	BREAKAWAY PEDESTAL POLE	8013	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT PER ASSIGNMENT	8016	25 L.F.	2 INCH SCHEDULE 80, RIGID POYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED)	8023	30 S.F.	REMOVE AND RESET DECORATIVE BRICK SIDEWALK	8024	2 C.Y.	CONCRETE FOR SIGNAL FOUNDATION	8026	130 L.F.	NO. 6 A.W.G. STRANDED BARE COPPER GROUND WIRE	8036	70 L.F.	4 INCH SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED	8037	5 L.F.	1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR WIRE SLEEVE	8047	4 S.F.	INSTALL OVERHEAD SIGN	8053	2 EACH	GROUND ROD - 3/4 INCH DIAMETER x 10 FOOT LENGTH	8057	1 EACH	CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE	8058	425 L.F.	ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED)	8059	300 L.F.	ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 A.W.G.)	8061	110 L.F.	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 A.W.G.)	8063	495 L.F.	LOOP WIRE ENCASED IN 1/4 INCH FLEXIBLE TUBING (NO. 14 A.W.G.)	8064	130 L.F.	SAW CUT FOR SIGNAL (LOOP DETECTOR)	NEG.	6 EACH	FURNISH AND INSTALL POLARO 2-WIRE NAVIGATOR AUDIBLE PEDESTRIAN SIGNAL WITH 5 IN. x 7 IN. SIGN, BLACK FACE PLATE OPTION 'A' AND BRAILLE TEXT	NEG.	1 EACH	FURNISH AND INSTALL CENTRAL CONTROL UNIT
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<p><u>MAINTENANCE OF TRAFFIC</u></p> <p>THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT.</p> <p>STANDARD NO. MD-104.02-13 (INTERSECTION FLAGGING)</p>																																																																													
<p><u>PROJECT CONTACTS</u></p> <p>THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:</p> <div><div>MR. LEE STARKLOFF, MONTGOMERY PHONE: (301) 513-7368 ASSISTANT DISTRICT ENGINEER - TRAFFIC</div><div>MR. WILHELM DERMINASSIAN MONTGOMERY COUNTY TMC PHONE: (240) 777-8795</div><div>MR. WAYNE MOWDY ASSISTANT DISTRICT ENGINEER - MAINTENANCE PHONE: (301) 513-7304</div><div>MR. RICHARD L. DAFF, SR. CHIEF, TRAFFIC OPERATIONS DIVISION PHONE: (410) 787-7630</div><div>MR. AUGIE REBISH DISTRICT UTILITY ENGINEER PHONE: (301) 513-7350</div></div>	<p><u>EQUIPMENT LIST "C"</u></p> <p>C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA</p> <p>ALL REMOVED SIGNAL MATERIALS SHALL BECOME PROPERTY OF THE CONTRACTOR</p>																																																																												

